ttaaa

## SEQUENCE LISTING

```
<110> Sklar, Pamela
      Lander, Eric S.
      DePaulo, J. Raymond, Jr.
      McInnis, Melvin G.
<120> BDNF Polymorphism and Association with
      Bipolar Disorder
<130> 2825.2026-001
<150> US 60/269,059
<151> 2001-02-15
<160> 5
<170> FastSEQ for Windows Version 4.0
<210> 1
<211> 1685
<212> DNA
<213> Homo sapiens
<400> 1
tgtaaaacag gatggctcaa tgaaattatc tttcttcttt ctataataga gtatctctgt 60
gggaagagga aaaaaaaagt caatttaaag gctccttata gttccccaac tgctgtttta 120
ttgtgctatt catgcctaga catcacatag ctagaaaggc ccatcagacc cctcaggcca 180
ctgctgttcc tgtcacacat tcctgcaaag gaccatgttg ctaacttgaa aaaaattact 240
attaattaca cttgcagttg ttgcttagta acatttatga ttttgtgttt ctcgtgacag 300
catgagcaga gatcattaaa aattaaactt acaaagctgc taaagtggga agaaggagaa 360
cttgaagcca caatttttgc acttgcttag aagccatcta atctcaggtt atatgctaga 420
tcttgggggc aaacactgca tgtctctggt ttatattaaa ccacatacag cacactactg 480
acactgattt gtgtctggtg cagctggagt tatcaccaag acataaaaaa accttgaccc 540
tgcagaatgg cctggaatac aatcagaggg ccacatggca tcccggtgaa agaaagccct 600
aaccagtttt ctgtcttgtt tctgctttct ccctacagtt ccaccaggtg agaagagtga 660
tgaccatcct tttccttact atggttattt catactttgg ttgcatgaag gctgccccca 720
tgaaagaagc aaacatccga ggacaaggtg gcttggccta cccaggtgtg cggacccatg 780
ggactctgga gagcgtgaat gggcccaagg caggttcaag aggcttgaca tcattggctg 840
acactttcga acacatgata gaagagctgt tggatgagga ccagaaagtt cggcccaatg 900
aagaaaacaa taaggacgca gacttgtaca cgtccagggt gatgctcagt agtcaagtgc 960
ctttggagcc tcctcttctc tttctgctgg aggaatacaa aaattaccta gatgctgcaa 1020
acatgtccat gagggtccgg cgccactctg accctgcccg ccgaggggag ctgagcgtgt 1080
gtgacagtat tagtgagtgg gtaacggcgg cagacaaaaa gactgcagtg gacatgtcgg 1140
gcgggacggt cacagtcctt gaaaaggtcc ctgtatcaaa aggccaactg aagcaatact 1200
tctacgagac caagtgcaat cccatgggtt acacaaaaga aggctgcagg ggcatagaca 1260
aaaggcattg gaactcccag tgccgaacta cccagtcgta cgtgcgggcc cttaccatgg 1320
atagcaaaaa gagaattggc tggcgattca taaggataga cacttcttgt gtatgtacat 1380
tgaccattaa aaggggaaga tagtggattt atgttgtata gattagatta tattgagaca 1440
aaaattatct atttgtatat atacataaca gggtaaatta ttcagttaag aaaaaaataa 1500
ttttatgaac tgcatgtata aatgaagttt atacagtaca gtggttctac aatctattta 1560
ttggacatgt ccatgaccag aagggaaaca gtcatttgcg cacaacttaa aaagtctgca 1620
ttacattcct tgataatgtt gtggtttgtt gccgttgcca agaactgaaa acataaaaag 1680
                                                                   1685
```

```
<210> 2
<211> 247
<212> PRT
<213> Homo sapiens
<400> 2
Met Thr Ile Leu Phe Leu Thr Met Val Ile Ser Tyr Phe Gly Cys Met
                                    10
Lys Ala Ala Pro Met Lys Glu Ala Asn Ile Arq Gly Gln Gly Gly Leu
Ala Tyr Pro Gly Val Arg Thr His Gly Thr Leu Glu Ser Val Asn Gly
                            40
Pro Lys Ala Gly Ser Arg Gly Leu Thr Ser Leu Ala Asp Thr Phe Glu
                        55
His Met Ile Glu Glu Leu Leu Asp Glu Asp Gln Lys Val Arg Pro Asn
                    70
                                        75
Glu Glu Asn Asn Lys Asp Ala Asp Leu Tyr Thr Ser Arg Val Met Leu
                85
                                    90
Ser Ser Gln Val Pro Leu Glu Pro Pro Leu Leu Phe Leu Glu Glu
                                105
            100
                                                     110
Tyr Lys Asn Tyr Leu Asp Ala Ala Asn Met Ser Met Arg Val Arg Arg
        115
                            120
                                                125
His Ser Asp Pro Ala Arg Arg Gly Glu Leu Ser Val Cys Asp Ser Ile
                        135
                                            140
Ser Glu Trp Val Thr Ala Ala Asp Lys Lys Thr Ala Val Asp Met Ser
                                        155
                    150
Gly Gly Thr Val Thr Val Leu Glu Lys Val Pro Val Ser Lys Gly Gln
                                    170
                                                         175
                165
Leu Lys Gln Tyr Phe Tyr Glu Thr Lys Cys Asn Pro Met Gly Tyr Thr
            180
                                185
                                                     190
Lys Glu Gly Cys Arg Gly Ile Asp Lys Arg His Trp Asn Ser Gln Cys
                            200
        195
Arg Thr Thr Gln Ser Tyr Val Arg Ala Leu Thr Met Asp Ser Lys Lys
                        215
                                            220
Arg Ile Gly Trp Arg Phe Ile Arg Ile Asp Thr Ser Cys Val Cys Thr
                    230
                                        235
Leu Thr Ile Lys Arg Gly Arg
                245
<210> 3
<211> 19
<212> DNA
```

```
<211> 19
<212> DNA
<213> Artificial Sequence
<220>
<223> FRET Primer
<400> 3
ggctgacact ttcgaacac
<210> 4
```

19

```
<210> 4
<211> 40
<212> DNA
<213> Artificial Sequence
<220>
<223> Primer
```





## 3/3

400> 4	
gtaaaacga cggccagtct tgacatcatt ggctgacact	40
210> 5	
211> 45	
2212> DNA	
213> Artificial Sequence	
:220>	
223> Primer	
:400> 5	
aatacgact cactataggg gtacaagtet gegteettat tgttt	45